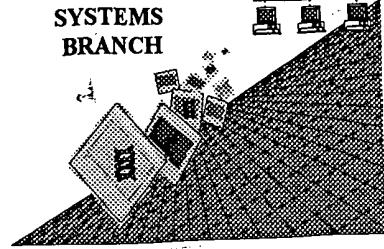


RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/852,058
Source: 01P6
Date Processed by STIC: 10/10/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE
APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/852,058</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Sequence(s) _____ missing. If Intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
10 <input type="checkbox"/> Invalid <213> Response	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
11 <input type="checkbox"/> Use of <220>	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
13 <input type="checkbox"/> Misuse of n	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.		

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/852,058

DATE: 10/10/2001
TIME: 17:07:04

Input Set : A:\2404640.diatech.method.ST25.txt
Output Set: N:\CRF3\10102001\I852058.raw

3 <110> APPLICANT: Diatech Pty. Ltd.
5 <120> TITLE OF INVENTION: A method
7 <130> FILE REFERENCE: 2404640/EJH
9 <140> CURRENT APPLICATION NUMBER: US/09/852,058
9 <141> CURRENT FILING DATE: 2001-08-13
9 <150> PRIOR APPLICATION NUMBER: US 60/202,797
10 <151> PRIOR FILING DATE: 2000-05-09
12 <160> NUMBER OF SEQ ID NOS: 26
14 <170> SOFTWARE: PatentIn version 3.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 18
18 <212> TYPE: DNA
19 <213> ORGANISM: primer
21 <400> SEQUENCE: 1
22 cagatccctg gacaggcg
25 <210> SEQ ID NO: 2
26 <211> LENGTH: 18
27 <212> TYPE: DNA
28 <213> ORGANISM: primer
30 <400> SEQUENCE: 2
31 cagatccctg gacaggca
34 <210> SEQ ID NO: 3
35 <211> LENGTH: 83
36 <212> TYPE: DNA
37 <213> ORGANISM: primer
39 <400> SEQUENCE: 3
40 aggaatacag gtatttgtc cttgcgcggg gagctatatg gggactatga atttctaata
42 ggactacttc taatctgtaa gag
45 <210> SEQ ID NO: 4
46 <211> LENGTH: 20
47 <212> TYPE: DNA
48 <213> ORGANISM: primer
50 <400> SEQUENCE: 4
51 aatctgttaag agcagatccc
54 <210> SEQ ID NO: 5
55 <211> LENGTH: 29
56 <212> TYPE: DNA
57 <213> ORGANISM: primer
59 <400> SEQUENCE: 5
60 tttttttttt gtcccccataat agtcacccg
63 <210> SEQ ID NO: 6
64 <211> LENGTH: 18
65 <212> TYPE: DNA
66 <213> ORGANISM: primer
68 <400> SEQUENCE: 6
69 cagatccctg gacagacg
72 <210> SEQ ID NO: 7

Does Not Comply
Corrected Diskette Needed

ppr 1-4

see item 10 on Error Summary Sheet
(global error)

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/852,058

DATE: 10/10/2001
TIME: 17:07:04

Input Set : A:\2404640.diatech.method.ST25.txt
Output Set: N:\CRF3\10102001\I852058.raw

73 <211> LENGTH: 18	
74 <212> TYPE: DNA	
75 <213> ORGANISM: <u>primer</u>	
77 <400> SEQUENCE: 7	18
78 cagatccctg gacagaca	
81 <210> SEQ ID NO: 8	
82 <211> LENGTH: 16	
83 <212> TYPE: DNA	
84 <213> ORGANISM: <u>primer</u>	
86 <400> SEQUENCE: 8	16
87 gatccctgga cagacg	
90 <210> SEQ ID NO: 9	
91 <211> LENGTH: 16	
92 <212> TYPE: DNA	
93 <213> ORGANISM: <u>primer</u>	
95 <400> SEQUENCE: 9	16
96 gatccctgga cagaca	
99 <210> SEQ ID NO: 10	
100 <211> LENGTH: 22	
101 <212> TYPE: DNA	
102 <213> ORGANISM: <u>primer</u>	
104 <400> SEQUENCE: 10	22
105 tgcccagtgc ttaacaagac ca	
108 <210> SEQ ID NO: 11	
109 <211> LENGTH: 20	
110 <212> TYPE: DNA	
111 <213> ORGANISM: <u>primer</u>	
113 <400> SEQUENCE: 11	20
114 ttttatcaca ctggtgctaa	
117 <210> SEQ ID NO: 12	
118 <211> LENGTH: 67	
119 <212> TYPE: DNA	
120 <213> ORGANISM: <u>primer</u>	
122 <400> SEQUENCE: 12	
123 gcaggtaaag aaggcgccgc ggtgagctat atggggacta tgaatttgc ccattaaagc	60
125 aaattgc	67
128 <210> SEQ ID NO: 13	
129 <211> LENGTH: 49	
130 <212> TYPE: DNA	
131 <213> ORGANISM: <u>primer</u>	
133 <400> SEQUENCE: 13	49
134 atagcgcctt ctttacactgc gttacttcga atttgcttta atggagctg	
137 <210> SEQ ID NO: 14	
138 <211> LENGTH: 7	
139 <212> TYPE: DNA	
140 <213> ORGANISM: <u>primer</u>	
142 <400> SEQUENCE: 14	7
143 aagtaac	
146 <210> SEQ ID NO: 15	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/852,058

DATE: 10/10/2001
TIME: 17:07:04

Input Set : A:\2404640.diatech.method.ST25.txt
Output Set: N:\CRF3\10102001\I852058.raw

147 <211> LENGTH: 49
148 <212> TYPE: DNA
149 <213> ORGANISM: primer
151 <400> SEQUENCE: 15
152 atagcacctt ctttcctgc gtttgcacga atttgtttca aaggagcgg 49
155 <210> SEQ ID NO: 16
156 <211> LENGTH: 7
157 <212> TYPE: DNA
158 <213> ORGANISM: primer
160 <400> SEQUENCE: 16 7
161 tgcaaac
164 <210> SEQ ID NO: 17
165 <211> LENGTH: 20
166 <212> TYPE: DNA
167 <213> ORGANISM: primer
169 <400> SEQUENCE: 17
170 ccattaaagc aaattgcaag 20
173 <210> SEQ ID NO: 18
174 <211> LENGTH: 21
175 <212> TYPE: DNA
176 <213> ORGANISM: primer
178 <400> SEQUENCE: 18 21
179 ccattaaagc aaattgctgc a
182 <210> SEQ ID NO: 19
183 <211> LENGTH: 18
184 <212> TYPE: DNA
185 <213> ORGANISM: primer
187 <400> SEQUENCE: 19 18
188 cagatccctg gacaggcg
191 <210> SEQ ID NO: 20
192 <211> LENGTH: 18
193 <212> TYPE: DNA
194 <213> ORGANISM: primer
196 <400> SEQUENCE: 20 18
197 cagatccctg gacaggca
200 <210> SEQ ID NO: 21
201 <211> LENGTH: 25
202 <212> TYPE: DNA
203 <213> ORGANISM: primer
205 <400> SEQUENCE: 21 25
206 tgttagagcat tacgtgcga tggat
209 <210> SEQ ID NO: 22
210 <211> LENGTH: 20
211 <212> TYPE: DNA
212 <213> ORGANISM: primer
214 <400> SEQUENCE: 22 20
215 tgatgctcca taacttcctg
218 <210> SEQ ID NO: 23
219 <211> LENGTH: 13

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/852,058

DATE: 10/10/2001
TIME: 17:07:04

Input Set : A:\2404640.diatech.method.ST25.txt
Output Set: N:\CRF3\10102001\I852058.raw

220 <212> TYPE: DNA
221 <213> ORGANISM *primer*
223 <400> SEQUENCE: 23 13
224 ctgtggaatt gag
227 <210> SEQ ID NO: 24
228 <211> LENGTH: 13
229 <212> TYPE: DNA
230 <213> ORGANISM: *primer*
232 <400> SEQUENCE: 24 13
233 ctgtggaatt gag
236 <210> SEQ ID NO: 25
237 <211> LENGTH: 13
238 <212> TYPE: DNA
239 <213> ORGANISM: *primer*
241 <400> SEQUENCE: 25 13
242 ctctggaatt gat
245 <210> SEQ ID NO: 26
246 <211> LENGTH: 30
247 <212> TYPE: DNA
248 <213> ORGANISM: *primer*
250 <400> SEQUENCE: 26 30
251 atcgcgaaaa ctgtggaatt gatcagcggtt

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/852,058

DATE: 10/10/2001
TIME: 17:07:05

Input Set : A:\2404640.diatech.method.ST25.txt
Output Set: N:\CRF3\10102001\I852058.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date